

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105741

ANALYST: Daniel
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP78865
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB124040BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/16/2019	14:02
2	K5152-09		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	10/16/2019	14:04
3	K5152-09DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	10/16/2019	14:07
4	K5392-04		1	5.01	50	2.00	5.64	7.48	1.84	0.16	0.06	4.79	10/16/2019	14:10
5	K5392-08		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.04	3.20	10/16/2019	14:13

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume